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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 10/824,541 | 04/15/2004 | Kiyoshi Obata | 251879US2 | 6550 |

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OBLON, SPIVAK, MCCLELLAND MAIER & NEUSTADT, P.C.
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ALEXANDRIA, VA 22314

| EXAMINER | |
|---|---|
| KANGARLOO, RAMTIN | |
| ART UNIT | PAPER NUMBER |
| 4177 | |

| NOTIFICATION DATE | DELIVERY MODE |
|---|---|
| 10/18/2007 | ELECTRONIC |

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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| Office Action Summary | Application No. | Applicant(s) | |
|---|---|---|---|
| | 10/824,541 | OBATA, KIYOSHI | |
| | Examiner | Art Unit | |
| | Ramtin Kangarloo | 4177 | |

*-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --*

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

1)☐ Responsive to communication(s) filed on _____.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

4)☒ Claim(s) 1-6 is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) 1-6 is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

**Application Papers**

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on 15 April 2004 is/are: a)☒ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

12)☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☒ All b)☐ Some * c)☐ None of:

1.☒ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date 4/15/2004 and 6/30/2006.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-6 are rejected under 35 U.S.C. 102(b) as being anticipated by Foster (US Patent No 5918181).

Regarding **Claim 1,** a mobile communication system including a plurality of radio base stations (radio base stations 100x, See Fig.1 and Col. 2, Lines 25-26) which are connected to a common telecommunication network via a wired circuit (bus network 110, twisted per cabling 125x and 127x, See Fig. 1 and Col. 2, Lines 47- 50) and communicate with mobile stations via radio circuits (See Fig.1), said mobile communication system comprising: wired circuit side controllers installed in said plurality of radio base stations, respectively, to carry out control processing via the wired circuit(See Col.6, Lines 5-8); and a master base station that consists of at least one of said plurality of radio base stations (master base station 1001 and radio base stations 1002 – 1008, See Fig.1) with the remaining radio base stations being set as slave base stations (See Col. 8, Lines 45-50), and includes a radio circuit side

controller for carrying out the control processing via the radio circuits ( See Col. 4, Lines 67- 68 and Col. 5, Line 1).

Regarding **Claim 2,** the mobile communication system according to claim 1, further comprising a base station (radio base stations 100x, See Fig.1 and Col. 2, Lines 25-26) maintenance control unit including a wired circuit side controller that is connected to said telecommunication network via a wired circuit (bus network 110, twisted per cabling 125x and 127x, See Fig. 1 and Col. 2, Lines 47- 50), and carries out the control processing via the wired circuit (Fig. 1), wherein said base station maintenance control unit controls maintenance processing of said radio base stations by causing said wired circuit side controller to exchange maintenance information with the wired circuit side controllers of said individual radio base stations(See Col.6, Lines 5-8 and Fig. 2).

Regarding **Claim 3,** the mobile communication system according to claim 1, said plurality of radio base stations exchange control signals with each other by said wired circuit side controllers installed in said plurality of radio base stations via the wired circuit and telecommunication network (See Fig. 1).

Regarding **Claim 4,** the mobile communication system according to claim 1, further comprising a signal multiplexer that is connected to said telecommunication network via the wired circuit (See Fig. 1) to transfer control signals between said

plurality of radio base stations (See. Fig. 1) and said telecommunication network, and that multiplexes the control signals to be transmitted from said plurality of radio base stations to said telecommunication network side, and transmits the multiplexed control signals to said telecommunication network side via the wired circuit (See Col. 4, Lines 42-48).

Regarding **Claim 5,** a master base station (master base station 1001, See Fig. 1) consisting of at least one of a plurality of radio base stations (radio base stations 100x, See Fig.1 and Col. 2, Lines 25-26) that are connected to a common telecommunication network via wired circuits (bus network 110, twisted per cabling 125x and 127x, See Fig. 1 and Col. 2, Lines 47- 50), communicate with mobile stations via radio circuits (See Fig. 1), and include wired circuit side controllers, respectively, for carrying out control processing via the wired circuits, said master base station comprising: a radio circuit side controller for carrying out control processing via the radio circuits (See Col. 4, Lines 67- 68 and Col. 5, Line 1), wherein said master base station controls said radio base stations other than said master base station as slave base stations(See Col. 6, Lines 34-36).

Regarding **Claim 6,** a slave base station (See Col. 2, Lines 7-9) of a mobile communication system including a plurality of radio base stations (radio base stations 100x, See Fig.1 and Col. 2, Lines 25-26) that are connected to a common telecommunication network via wired circuits (bus network 110, twisted per cabling

125x and 127x, See Fig. 1 and Col. 2, Lines 47- 50), and communicate with mobile stations via radio circuits (See Fig. 1), at least one of said plurality of radio base stations being made a master base station (master base station 1001, See Fig. 1), and the radio base stations other than said master base station being made a slave base station (See Col. 8, Lines 45-50) , said slave base station comprising: a wired circuit side controller for carrying out control processing via the wired circuit, wherein the control processing of said slave base station via its own radio circuit is carried out by said master base station (See Col. 6, Lines 5-8).

**Conclusion**

3. Any response to this Office Action should be **faxed** to (571) 273-8300 **or Mailed to :**

Commissioner for Patents,
P.O.Box 1450
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***Hand-delivered responses should be brought to***

Customer Service Window
Randolph Building
401 Dulany Street
Alexandria, VA 22314

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ramtin Kangarloo whose telephone number is (571) 270-3452. The examiner can normally be reached on Monday to Thursday 7:30 AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Benny Tieu can be reached on (571) 272-7490. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Ramtin Kangarloo
Examiner Art Unit 4177
October 10, 2007

BENNY Q. TIEU
SPE/TRAINER